ThinkSystem DS6200
Transformational performance, best-in-class pricing

Fast, Flexible, Reliable, Secure

Designed for I/O intensive workloads such as SAP HANA, video surveillance, and media streaming, the Lenovo ThinkSystem DS6200 SAN array offers breakthrough performance and scale at best-in-class pricing, allowing businesses to use date to gain business insight faster.

The easy-to-use management interface makes complex administrative storage tasks simple. Setup is complete in less than five minutes, with Rapid Deployment and EZ Start eliminating costly and complex deployment while freeing up IT resources for other business tasks. This same interface is used across the DS Series family allowing for flexible IT administration.

In order to be successful, businesses require data availability at all times. Business insights, customer information, and decision making are all key components to achieve business success. If data isn't available, it's hard to make money. The DS Series is designed for 99.999 percent availability, eliminating any unexpected downtime that is costly to businesses.

The ThinkSystem DS6200 is highly flexible with room to grow as data needs expand. The DS6200 holds up to 24x 2.5-inch HDDs and SSDs internally and supports expansion up to 276 total drives.

The DS6200 supports several security features that allow your data to stay safe from hacking or other disruptors. You can populate your system with SED drives to protect your system from viruses and other possible attacks.

Secure File Transfer Protocol (SFTP) assures data protection during file transfer and management. Access Controls allow you to designate certain users who can access your company data and block users who are not approved for access. These features on the DS6200 ensure your company's data safety and provide peace of mind for data security.

For ultimate flexibility, the DS Series supports replication between its new 12Gb platform and first generation S Series systems. This enables you to move your high-performance workloads to the faster-performing DS Series and redeploy the older models as data lakes or replication targets.

Uncompromising Performance

The ThinkSystem DS6200 delivers higher IOPS and low latency through the Rapid Data Placement Engine, at a fraction of the cost of competing All Flash solutions. Designed for speed within a cost-optimized architecture, the DS6200 delivers superior cost/GB without compromising performance.

It's equipped with storage tiering, high availability, thin provisioning, and other enterprise-class features. This provides your business with a solid foundation to grow, while delivering the best price for performance in its class.

You no longer need to decide between faster access to information and lowering the cost of your IT infrastructure. The ThinkSystem DS6200 allows you to save money while maintaining operational excellence.

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Specifications

Form Factor/Height	2U
Maximum Raw Capacity	1.8PB with 24x 2.5-inch drive bays
Controllers	Dual (active/active) with total dual-controller memory of 32GB
Maximum Enclosures	1 node + 9 expansion units; (2U12/2U24); mix-and-match allowed or 1 node + 3 D3284 expansion units
Maximum Drives	276 (using 3 D3284 expansion units) or 240 (using 2.5-inch drives and 9 SFF expansion units)
Drive Types Supported	12Gb SAS: 7.2K, 10K, and 15K HDDs; MLC SSDs; SED HDDs and SSDs (mixed per chassis)
Host Ports (max per controller)	4-port SAS, 4-port FC, 4-port iSCSI, hybrid connectivity (FC/iSCSI)
Performance	Up to 600K random-read IOPS @ <1ms latency/7GBps read throughput/5.5GBps write throughput
Fans and Power Supplies	Hot-swap/redundant
Max Volumes per System	1024 (up to 128TB each)
Energy Star Certified	Yes
Snapshots	Base 128; optional 512 or 1024
AFA License/Read Caching	Included
Asynchronous Replication	Optional (iSCSI or Fibre Channel)
Rapid Tier	HDD Tiering included; SSD Tiering requires optional license
Warranty	3-year limited warranty, 9x5 next business day, onsite

Why Lenovo

Lenovo is a leading provider of systems for the data center. The portfolio includes rack, tower, blade, dense, and hyperconverged systems, and provides enterprise-class performance, reliability, and security. Lenovo also offers a full range of networking, storage, software, and solutions, as well as comprehensive services that support business needs throughout the IT lifecycle.

For More Information

To learn more about the ThinkSystem DS6200 SAN Array, contact your Lenovo representative or Business Partner or visit: lenovo.com/systems/storage

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